

Amendment to the Specification:

Please amend the paragraph beginning on page 3 at line 4 as follows:

--Fig. 8 shows an impulse response for the accelerometer where the signal on the Y axis is the output signal in (mV) and the X axis is the ~~time~~ frequency axis; --

Please amend the paragraph beginning on page 7 at line 22 as follows:

--The transducer or indicator consists of an amorphous ferromagnetic material which possesses the property that it can be given extremely high permeability, $5,000 < \mu < 200,000$, at the same time as, for certain alloy compositions, it has a relatively high magnetostriction, $5 < \mu \cdot \lambda_{\text{sat}} < 40$ ppm. Taken as a whole, this gives a material with a very high magneto-elastic relationship and is, therefore, extremely suitable as sensor material. The transducer or indicator is composed of two amorphous bands of a size of $3 \cdot 16 \cdot 0.022$ mm. The bands are glued to a fixing block, ~~see FIG. 1~~. At the fixing block, a coil is wound around each band. The coils are connected in a half bridge, ~~see FIG. 2~~. By connecting the coils in such a manner that a similar change in both bands does not give a signal, a high degree of insensitivity to temperature and other symmetric disruptions may be achieved. On flexing of the "beam" which consists of the two amorphous bands and an interjacent plastic band, a stretching in the one band will be obtained at the same time as a compression in the other band. The output signal from the coils will then be the opposite, i.e. an increase of inductance (permeability) on stretching and a reduction in compression.